

Repairs to concrete fuel store floor

ID: 9949

Industry: Buildings & Structures

Customer Location: Burton upon Trent

Application: FPA-Floor Problem Areas

Application Date: August 2019

Substrate: Concrete

Products: Belzona 4111 (Magma-Quartz), Belzona 4151 (Magma-Quartz Resin), Belzona 4911 (Magma TX Conditioner)

Problem

Repeat impact from the dropping of Oxygen cylinders, along with heavy lorry wear and tear had broken up large areas of the fuel store at a large distribution center



Broken floor with large holes and cracks due to impact

Works taking place to repair the damage

Works completed

6 years on

Application Situation

The Belzona application was carried out in one day and was returned to service the following day after that, giving a turnaround of just 2 days. The alternative would have taken much longer and also necessitated the saw-cutting and breaking out to cast new concrete, which would then have had to be left for a number of weeks to fully set

Application Method

Break out loose and friable materials and vacuum
 Apply Belzona 4911 to all target areas
 Mix and apply 4151 resins and 4111 aggregates
 Trowel off to compress and leave to cure

Belzona Facts

The most important aspect with this project was the available time to effect a repair. Belzona products proved invaluable to the

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ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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 Repair • Protect • Improve

ongoing operations of the distribution warehouse.
6 years on, the repairs are still performing as intended

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